

CLAIMS

1.

A dosing device comprising a conduit for conveying a main liquid stream and having a first inlet, an outlet and a zone of reduced cross-section between the inlet and outlet, a passage between the said zone and atmosphere, a control valve operable, when the main stream is to be dosed with a dosing liquid, to close the passage such that a relatively low pressure zone is generated in the zone when the main liquid stream flows from the first inlet to the outlet through the zone, a second inlet through which the dosing liquid can be drawn into the low pressure zone to mix with the main liquid stream and form a mixed stream, and an aerator, located in the conduit downstream of the venturi, to receive air through the outlet and introduce it into the mixed stream.

2.

A dosing device according to claim 1 wherein the control valve includes a push-button depressible to seat a valve closure on a seat, thereby to close the passage.

3.

A dosing device according to claim 2 wherein the push-button is spring-loaded in a sense to unseat the valve closure from the seat.

4.

A dosing device according to claim any one of the preceding claims wherein the outlet is spanned, downstream of the aerator, by a mesh gauze.

5.

A dosing device according to any one of the preceding claims wherein the second inlet includes an inlet spigot to which a conduit leading from a source of the dosing liquid can be connected, and a flow control nozzle which is fitted releasably to the inlet spigot to control the flow of dosing liquid therethrough and over which the conduit is connected to the spigot.

6.

A dosing device according to any one of the preceding claims wherein the first inlet is threaded for connection to a faucet.

7.

A dosing device according to claim 6 wherein the conduit is formed in body having an outer surface formed with spanner-engagable flats to facilitate threaded connection of the first inlet to the faucet.

8.

A dosing device according to any one of the preceding claims wherein the second inlet includes a non-return valve.